ABSTRACT OF THE DISCLOSURE

A method for generating trace information of an
information processing device that monitors operation of a
5   processing unit without depending on the operating frequency
of the processing unit. The device includes a processing
unit and an interface device. The processing unit generates
operational information when branching occurs, and the
interface device has a buffer circuit for receiving the
10 operational information from the processing unit. The method
includes generating an absolute branching destination
address each time a branching occurs, storing the generated
absolute branching destination address in the buffer
circuit, generating a flag based on the absolute branching
15 destination address, storing the flag in the buffer circuit
in association with the absolute branching destination
address, generating a relative branching destination address
based on the stored absolute branching destination address,
and outputting the absolute branching destination address or
20 the relative branching destination address based on the
flag.